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Result
No.
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Perfect score:
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Maximum Match 100%
Listing first 45 su
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Maximum DB
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                                                                                                                                                                Score
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                                                                                                                                                         Query
Match
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(without alignments)
131.654 Million cell updates/sec
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Sequence 11, Appl
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equence 343	643	equence 5,	5	equence 5,	equence 5, Appl	,	ω	equence 3, Appl	e 3, Appl	equence 3,	3, Appli	e e	equence 10778,	equence 10746,	equence 6,	equence 6,	ce 6	٥,	equence 6, Appli	equence 10,	equence 10, App	e 1	equence 10,	quence 10, Appl	7,	7, App1	e 7	7	7, Appli	œ	equence 8, Appl	equence 8, Appl	equence 8	quence 8, Ar	equence 11, App	equence 11, App	ce 11, Ap	Sequence 11, Appl	

ALIGNMENTS

APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Mietznez
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04432
CURRENT FILING DATE: 2002-02-13
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 48
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE: THEORY TIMES AND THE SEQUENCE IN THE SE 밁 S ; OTHER INFORMATION: artificial peptides derived from HIV-1 PCT-US02-04432-12 RESULT 1
PCT-US02-04432-12
; Sequence 12, Application PC/TUS0204432
; GENERAL INFORMATION: Query Match Best Local S Matches 48 48; Similarity Conservative 100.0%; 0; Score 250; DB 1; Pred. No. 6.4e-21; ; Mismatches 0; Length 48; Indels 48 0 Gaps

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US-09-785-058-12
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
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GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Mietzner
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
                                                                                  CURRENT APPLICATION NUMBER: US/09/785,059
CURRENT FILING DATE: 2001-02-16
                                                                                                                APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A33577 / 072396.0217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: PCT/US02/04812
CURRENT FILING DATE: 2002-02-19
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                                                 SOFTWARE: FastSEQ for
                                                                  NUMBER OF SEQ ID NOS:
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TYPE: PRT
TYPE: PRT
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               Q ID NO 12
LENGTH: 48
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ITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
ILE REFERENCE: A 34001 / 072396.0222
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TLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
LE REFERENCE: A34001-PCT / 072396.0223
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Pred. No. 6.4e-21;
; Mismatches 0;
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Pred. No. 6.4e-21;
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CURRENT FILING DATE: 2002-02-19
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                       Sequence 11, Application PC/TUS0204432 GENERAL INFORMATION:
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                                                     Matches
                                                                 Query Match
Best Local
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A34001-A / 072396.0222
                                                                                                                                                                                                                       CURRENT FILING DATE:
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: PCT/US02/04432
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 48
TYPE: PRT
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                                                                                                                          OTHER INFORMATION:
                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                    TYPE: PRT
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                                                                                                                                        FEATURE:
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                          13
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                                                                  Similarity
                 VRRVWRRVVRVVRRWVRRVRRVWRRVVRVVRRW 45
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                                                     Conservative
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                                                                                                                                                                                                                                       2002-02-13
                                                                  Score 176; DB 1; 
; Pred. No. 1.1e-12;
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Pred. No. 6.4e-21;
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Pred. No. 6.4e-21;
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                                                     Mismatches
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RESULT 7

PCT-US02-04812-11

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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 11
LENGTH: 36
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                                     SOFTWARE: PastSEQ for Windows Version 3.0 SEQ ID NO 11 LENGTH: 36
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Best Local Similarity
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                                                                                                                                                     APPLICANT: Ronald C. Montelaro
APPLICANT: Timochy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
                                                                                                           CURRENT APPLICATION NUMBER: CURRENT FILING DATE: 2001-C
                                                                                          NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/785,058
CURRENT FILING DATE: 2001-02-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: PCT/US02/04812
CURRENT FILING DATE: 2002-02-19
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TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ronald C. Montelaro APPLICANT: Timothy A. Mietzne:
                                                                                                                                               FILE REFERENCE: A33577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: FastSEQ for Windows Version 3.0 EQ ID NO 11 LENGTH: 36 TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Artificial peptide derived from HIV-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artifical sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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RGANISM: Artifical sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LICANT: Timothy A. Mietzner
LE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
TORREPERIOE: A 34001 / 072396.0222
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ilarity 100.0%;
Conservative (
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                                                                                                         2001-02-16
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ER: US/09/785,059
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; Pred. No. 1.1e-12
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Pred. No. 1.1e-12
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RESULT 12
PCT-US02-04812-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Artificial peptide derived from US-09-785-059-11
                                                                                                                                                                                                 ; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-8
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GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-A / 072396.0222
                                                                                                                                                                                                                                                                                                    SEQ ID NO 8
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                                                                                                                                                 Query Match
Best Local
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Best Local
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                                                                                                                                                                                                                                                                                                                                              APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04432
CURRENT FILING DATE: 2002-02-13
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SOFTWARE: FastSEQ for Windows Version 3.0
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CURRENT FILING DATE: 2002-02-19
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SOFTWARE: FastSEQ for
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APPLICANT: Timothy A. Mietzne:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                 TYPE: PRT
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33; Conservative
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                                                                                                                                Conservative
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100.0%; Pr
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                                                                                                                                             68.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 176; DB 24;
; Pred. No. 1.1e-12;
0; Mismatches 0;
                                                                                                                                             Score 170; DB 1; Length 48; Pred. No. 6.7e-12;
                                                                                                                              Mismatches
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Sequence 8, Application PC/TUS0204812 GENERAL INFORMATION:

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US-09-785-058-8
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US-09-785-059-8
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US-09-785-058-8
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Best Local S
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SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 8
LENGTH: 48
                                                                                                                                                                                                                                    Sequence 8, Application US/09785059 GENERAL INFORMATION:
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                                                                     NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 8
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Best Local Similarity 90.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A 34001 / 072396.0222
CURRENT APPLICATION NUMBER: US/09/785,058
CURRENT FILING DATE: 2001-02-16
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04812
CURRENT FILING DATE: 2002-02-19
                                                                                                                        APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A33577 / 07236.0217
CURRENT APPLICATION NUMBER: US/09/785,059
CURRENT FILING DATE: 2001-02-16
                                                                                                                                                                                                   APPLICANT: Ronald C. Montelaro APPLICANT: Timothy A. Mietzne:
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TYPE: PRT
ORGANISM: Artifical sequence
FEATURE:
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ORGANISM: Artificial Sequence
       LENGTH: 48
TYPE: PRT
ORGANIEM: Artifical sequence
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FEATURE:
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                                                                                        Windows Version 3.0
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Pred. No. 6.7e-12;
0; Mismatches 4
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Pred. No. 6.7e-12;
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Search completed: June 9, Job time : 236.064 secs

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                                                                                                                            ; OTHER INFORMATION: Artificial peptide derived from HIV-1 US-10-079-075-8
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Best Local Similarity 90.9
Matches 40; Conservative
                                                            Matches
                                                                             Query Match 68.0%;
Best Local Similarity 90.9%;
                                                                                                                                                                                                                           SEQ ID NO 8
                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ronald C. APPLICANT: Timothy
                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/079,075
CURRENT FILING DATE: 2002-02-19
                                                                                                                                                                                                                                                                                                       APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A34001-A / 072396,0222
                                                                                                                                                          TYPE: PRT
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                          40;
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                  Conservative
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                                                            Score 170; DB 24;
Pred. No. 6.7e-12;
0; Mismatches 4;
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Pred. No. 6.7e-12;
0; Mismatches 4
                                                                                                                                                                                                                                                                                                                             PEPTIDES
                                                                                            Length 48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 48;
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                                                               Indels
                                                              0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                               Gaps
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